

SHORT-TERM INDIANA OCCUPATIONAL PROJECTIONS

BASE PERIOD: 2005 First Quarter
PROJECTED PERIOD: 2007 First Quarter
AREA: Economic Growth Region 10

All data rounded to nearest 10, Occupations with less than 20 excluded

Code	Occupational Title	1st Quarter 2005 Employment	1st Quarter 2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
00-0000	Total, All Occupations	104,430	105,480	1,050	1%	5,450	7,650	\$30,488 NA	
11-0000	Management Occupations	3,870	3,910	40	1%	130	190	\$69,297 NA	
11-1000	Top Executives	1,390	1,420	30	2%	50	70	NA NA	
11-1011	Chief Executives	280	280	0	0%	10	10	\$127,946 Work experience plus bachelor's or higher degree	
11-1021	General and Operations Managers	1,070	1,100	30	2%	40	60	\$76,864 Work experience plus bachelor's or higher degree	
11-1031	Legislators	40	40	0	-3%	0	0	\$17,147 NA	
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	200	210	10	2%	10	10	NA NA	
11-2011	Advertising and Promotions Managers	20	20	0	0%	0	0	\$58,234 Work experience plus bachelor's or higher degree	
11-2021	Marketing Managers	50	50	0	2%	0	0	\$70,182 Work experience plus bachelor's or higher degree	
11-2022	Sales Managers	110	120	0	4%	0	10	\$88,378 Work experience plus bachelor's or higher degree	
11-3000	Operations Specialties Managers	820	820	0	0%	20	30	NA NA	
11-3011	Administrative Services Managers	100	100	0	-1%	0	0	\$48,191 Work experience plus bachelor's or higher degree	
11-3021	Computer and Information Systems Managers	100	110	10	5%	0	10	\$71,116 Work experience plus bachelor's or higher degree	
11-3031	Financial Managers	250	250	0	-1%	10	10	\$66,498 Work experience plus bachelor's or higher degree	
11-3040	Human Resources Managers	70	70	0	-3%	0	0	NA NA	
11-3051	Industrial Production Managers	210	210	0	-1%	10	10	\$68,188 Bachelor's degree	
11-3061	Purchasing Managers	50	50	0	-4%	0	0	\$70,776 Work experience plus bachelor's or higher degree	
11-3071	Transportation, Storage, and Distribution Managers	30	40	0	3%	0	0	\$70,387 Work experience in a related occupation	
11-9000	Other Management Occupations	1,450	1,470	20	1%	50	80	NA NA	
11-9011	Farm, Ranch, and Other Agricultural Managers	30	30	0	-6%	0	0	NA Work experience plus bachelor's or higher degree	
11-9021	Construction Managers	130	130	0	2%	0	10	\$57,515 Bachelor's degree	
11-9031	Education Administrators, Preschool and Child Care Center/Program	20	20	0	5%	0	0	\$43,037 Work experience plus bachelor's or higher degree	
11-9032	Education Administrators, Elementary and Secondary School	140	150	10	5%	10	10	\$67,922 Work experience plus bachelor's or higher degree	
11-9033	Education Administrators, Postsecondary	40	50	0	5%	0	0	NA Work experience plus bachelor's or higher degree	
11-9041	Engineering Managers	100	100	0	-3%	0	0	\$91,628 Work experience plus bachelor's or higher degree	
11-9051	Food Service Managers	330	330	0	0%	10	10	\$36,436 Work experience in a related occupation	
11-9081	Lodging Managers	70	60	0	-3%	0	0	\$29,439 Work experience in a related occupation	
11-9111	Medical and Health Services Managers	170	170	10	4%	10	10	\$64,945 Work experience plus bachelor's or higher degree	
11-9121	Natural Sciences Managers	20	20	0	5%	0	0	\$78,397 Work experience plus bachelor's or higher degree	
11-9131	Postmasters and Mail Superintendents	40	40	0	0%	0	0	\$48,523 Work experience in a related occupation	
11-9141	Property, Real Estate, and Community Association Managers	70	70	0	1%	0	0	\$47,392 Bachelor's degree	
11-9151	Social and Community Service Managers	80	80	0	5%	0	10	\$40,535 Bachelor's degree	
11-9199	Managers, All Other	200	200	0	0%	10	10	\$59,171 Work experience in a related occupation	
13-0000	Business and Financial Operations Occupations	3,090	3,170	80	2%	100	190	\$42,412 NA	
13-1000	Business Operations Specialists	1,620	1,650	20	1%	50	90	NA NA	
13-1021	Purchasing Agents and Buyers, Farm Products	20	20	0	0%	0	0	NA Work experience in a related occupation	
13-1022	Wholesale and Retail Buyers, Except Farm Products	60	60	0	-2%	0	0	\$35,762 Bachelor's degree	
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	140	140	0	-1%	10	10	\$41,209 Bachelor's degree	
13-1031	Claims Adjusters, Examiners, and Investigators	300	300	-10	-2%	10	10	NA Long-term on-the-job training	
13-1032	Insurance Appraisers, Auto Damage	70	70	0	-3%	0	0	NA Long-term on-the-job training	
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety,	50	50	0	0%	0	0	\$31,761 Long-term on-the-job training	
13-1051	Cost Estimators	200	200	0	2%	10	10	\$41,713 Bachelor's degree	
13-1071	Employment, Recruitment, and Placement Specialists	100	100	0	3%	0	10	\$35,070 Bachelor's degree	
13-1072	Compensation, Benefits, and Job Analysis Specialists	40	40	0	5%	0	0	\$40,889 Bachelor's degree	

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13-1073	Training and Development Specialists	110	120	10	5%	0	10	\$31,921	Bachelor's degree
13-1111	Management Analysts	120	130	10	10%	0	20	\$69,274	Work experience plus bachelor's or higher degree
13-1199	Business Operations Specialists, All Other	410	410	10	2%	10	20	\$43,557	Bachelor's degree
13-2000	<i>Financial Specialists</i>	1,470	1,520	50	4%	50	100	NA	NA
13-2011	Accountants and Auditors	650	650	0	0%	20	30	\$45,258	Bachelor's degree
13-2021	Appraisers and Assessors of Real Estate	110	110	10	5%	0	10	\$24,841	Postsecondary vocational training
13-2031	Budget Analysts	20	20	0	-5%	0	0	NA	Bachelor's degree
13-2041	Credit Analysts	30	30	0	0%	0	0	\$57,252	Bachelor's degree
13-2052	Personal Financial Advisors	20	20	0	0%	0	0	NA	Bachelor's degree
13-2072	Loan Officers	370	410	40	11%	10	50	\$47,795	Bachelor's degree
13-2081	Tax Examiners, Collectors, and Revenue Agents	40	50	0	2%	0	0	NA	Bachelor's degree
13-2082	Tax Preparers	170	170	0	2%	10	10	NA	Moderate-term on-the-job training
13-2099	Financial Specialists, All Other	50	50	0	0%	0	0	\$59,187	Bachelor's degree
15-0000	Computer and Mathematical Occupations	710	730	30	4%	10	40	\$46,273	NA
15-1000	<i>Computer Specialists</i>	690	720	30	4%	10	40	NA	NA
15-1021	Computer Programmers	60	60	0	0%	0	0	\$48,823	Bachelor's degree
15-1031	Computer Software Engineers, Applications	30	30	0	11%	0	0	\$58,168	Bachelor's degree
15-1032	Computer Software Engineers, Systems Software	120	130	10	7%	0	10	NA	Bachelor's degree
15-1041	Computer Support Specialists	200	200	0	1%	0	10	\$35,603	Associate degree
15-1051	Computer Systems Analysts	130	140	10	5%	0	10	\$54,434	Bachelor's degree
15-1061	Database Administrators	20	20	0	0%	0	0	\$38,319	Bachelor's degree
15-1071	Network and Computer Systems Administrators	80	90	0	5%	0	10	\$47,371	Bachelor's degree
15-1081	Network Systems and Data Communications Analysts	30	30	0	6%	0	0	\$46,080	Bachelor's degree
15-1099	Computer Specialists, All Other	20	20	0	0%	0	0	NA	Postsecondary vocational training
17-0000	Architecture and Engineering Occupations	1,190	1,170	-10	-1%	50	60	\$48,272	NA
17-1000	<i>Architects, Surveyors, and Cartographers</i>	90	90	0	2%	0	0	NA	NA
17-1011	Architects, Except Landscape and Naval	70	70	0	3%	0	0	\$50,251	Bachelor's degree
17-1022	Surveyors	20	20	0	0%	0	0	\$39,815	Bachelor's degree
17-2000	<i>Engineers</i>	600	590	-10	-1%	20	30	NA	NA
17-2051	Civil Engineers	60	60	0	2%	0	0	\$60,922	Bachelor's degree
17-2061	Computer Hardware Engineers	90	90	0	-3%	0	0	NA	Bachelor's degree
17-2071	Electrical Engineers	30	30	0	-9%	0	0	\$58,969	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	70	70	0	1%	0	0	\$65,984	Bachelor's degree
17-2112	Industrial Engineers	100	90	0	-4%	0	0	\$58,332	Bachelor's degree
17-2131	Materials Engineers	30	30	0	0%	0	0	NA	Bachelor's degree
17-2141	Mechanical Engineers	110	100	0	-1%	10	10	\$58,720	Bachelor's degree
17-2199	Engineers, All Other	90	90	0	2%	0	10	\$52,297	Bachelor's degree
17-3000	<i>Drafters, Engineering, and Mapping Technicians</i>	500	500	-10	-1%	20	30	NA	NA
17-3011	Architectural and Civil Drafters	30	30	0	0%	0	0	\$35,024	Postsecondary vocational training
17-3013	Mechanical Drafters	80	80	0	-4%	0	0	\$39,318	Postsecondary vocational training
17-3022	Civil Engineering Technicians	30	30	0	4%	0	0	NA	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	120	120	0	-2%	10	10	\$44,913	Associate degree
17-3026	Industrial Engineering Technicians	80	80	0	-4%	0	0	\$44,296	Associate degree
17-3031	Surveying and Mapping Technicians	50	50	0	2%	0	10	\$29,889	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	90	80	0	-1%	0	0	NA	NA
19-0000	Life, Physical, and Social Science Occupations	330	330	10	2%	10	20	\$42,546	NA
19-1000	<i>Life Scientists</i>	40	40	0	0%	0	0	NA	NA
19-2000	<i>Physical Scientists</i>	50	50	0	0%	0	0	NA	NA
19-2031	Chemists	20	20	0	0%	0	0	NA	Bachelor's degree
19-2041	Environmental Scientists and Specialists, Including Health	20	20	0	0%	0	0	NA	Bachelor's degree
19-3000	<i>Social Scientists and Related Workers</i>	100	100	0	2%	0	10	NA	NA

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19-3021	Market Research Analysts	20	20	0	-5%	0	0	NA	Bachelor's degree
19-3031	Clinical, Counseling, and School Psychologists	50	50	0	7%	0	10	\$50,152	Master's degree
19-3051	Urban and Regional Planners	20	20	0	0%	0	0	NA	Master's degree
19-4000	<i>Life, Physical, and Social Science Technicians</i>	140	150	10	3%	10	10	NA	NA
19-4011	Agricultural and Food Science Technicians	20	20	0	0%	0	0	NA	Associate degree
19-4031	Chemical Technicians	30	30	0	-3%	0	0	\$39,311	Associate degree
19-4091	Environmental Science and Protection Technicians, Including Health	50	50	10	11%	0	10	\$32,042	Associate degree
19-4099	Life, Physical, and Social Science Technicians, All Other	40	40	0	3%	0	0	NA	Associate degree
21-0000	Community and Social Services Occupations	970	1,020	50	5%	30	80	\$30,550	NA
21-1000	<i>Counselors, Social Workers, and Other Community and Social Service Sp</i>	820	870	40	5%	30	70	NA	NA
21-1012	Educational, Vocational, and School Counselors	110	120	0	3%	10	10	\$41,403	Master's degree
21-1013	Marriage and Family Therapists	20	30	0	4%	0	0	NA	Master's degree
21-1014	Mental Health Counselors	70	80	0	6%	0	10	NA	Master's degree
21-1015	Rehabilitation Counselors	100	110	10	7%	0	10	\$25,364	Master's degree
21-1021	Child, Family, and School Social Workers	200	210	10	5%	10	20	\$29,686	Bachelor's degree
21-1022	Medical and Public Health Social Workers	40	40	0	5%	0	0	\$33,498	Bachelor's degree
21-1023	Mental Health and Substance Abuse Social Workers	30	30	0	4%	0	0	NA	Master's degree
21-1091	Health Educators	50	50	0	2%	0	0	NA	Master's degree
21-1092	Probation Officers and Correctional Treatment Specialists	40	40	0	2%	0	0	NA	Bachelor's degree
21-1093	Social and Human Service Assistants	150	170	10	9%	10	20	\$23,631	Moderate-term on-the-job training
21-9000	<i>Miscellaneous Counselors, Social, & Religious Workers</i>	130	140	10	6%	0	10	NA	NA
21-9099	Counselors, Social, and Religious Workers, All Other (OES Only)	130	140	10	6%	0	10	NA	NA
23-0000	Legal Occupations	500	500	10	1%	10	20	\$41,726	NA
23-1000	<i>Lawyers, Judges, and Related Workers</i>	160	170	0	2%	0	10	NA	NA
23-1011	Lawyers	140	140	0	3%	0	10	\$62,120	First professional degree
23-2000	<i>Legal Support Workers</i>	280	280	0	1%	0	10	NA	NA
23-2011	Paralegals and Legal Assistants	80	90	10	6%	0	10	\$32,376	Associate degree
23-2092	Law Clerks	30	30	0	4%	0	0	NA	Bachelor's degree
23-2093	Title Examiners, Abstractors, and Searchers	170	160	0	-2%	0	0	\$26,626	Moderate-term on-the-job training
23-9000	<i>Miscellaneous Legal & Related Workers</i>	60	60	0	0%	0	0	NA	NA
23-9099	Legal and Related Workers, All Other (OES Only)	60	60	0	0%	0	0	NA	NA
25-0000	Education, Training, and Library Occupations	5,470	5,730	260	5%	220	480	\$40,786	NA
25-1000	<i>Postsecondary Teachers</i>	680	730	50	8%	30	80	NA	NA
25-1011	Business Teachers, Postsecondary	80	90	10	7%	0	10	NA	Doctoral degree
25-1021	Computer Science Teachers, Postsecondary	120	130	10	7%	10	10	NA	Doctoral degree
25-1081	Education Teachers, Postsecondary	80	80	10	8%	0	10	NA	Doctoral degree
25-1124	Foreign Language and Literature Teachers, Postsecondary	80	80	10	9%	0	10	NA	Doctoral degree
25-1194	Vocational Education Teachers, Postsecondary	40	50	0	7%	0	10	\$42,125	Work experience in a related occupation
25-1199	Postsecondary Teachers, All Other	140	150	10	7%	10	20	NA	Doctoral degree
25-2000	<i>Primary, Secondary, and Special Education School Teachers</i>	3,380	3,520	140	4%	150	290	NA	NA
25-2011	Preschool Teachers, Except Special Education	90	90	0	0%	0	0	NA	Bachelor's degree
25-2012	Kindergarten Teachers, Except Special Education	70	80	0	5%	0	10	\$42,452	Bachelor's degree
25-2021	Elementary School Teachers, Except Special Education	1,410	1,470	60	4%	60	110	\$45,200	Bachelor's degree
25-2022	Middle School Teachers, Except Special and Vocational Education	460	470	10	3%	20	30	\$43,257	Bachelor's degree
25-2031	Secondary School Teachers, Except Special and Vocational Education	960	1,000	40	4%	50	90	\$43,610	Bachelor's degree
25-2032	Vocational Education Teachers, Secondary School	90	90	0	2%	10	10	NA	Bachelor's degree
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary Sc	160	170	10	6%	10	20	\$39,135	Bachelor's degree
25-2042	Special Education Teachers, Middle School	50	50	0	7%	0	10	\$45,857	Bachelor's degree
25-2043	Special Education Teachers, Secondary School	90	90	10	6%	0	10	\$45,505	Bachelor's degree
25-3000	<i>Other Teachers and Instructors</i>	380	400	30	7%	10	40	NA	NA

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25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	20	20	0	10%	0	0	NA	Bachelor's degree
25-3021	Self-Enrichment Education Teachers	60	60	10	9%	0	10	\$32,613	Work experience in a related occupation
25-3999	Teachers, Primary, Secondary, and Adult, All Other (OES Only)	300	320	20	7%	10	30	NA	NA
25-4000	<i>Librarians, Curators, and Archivists</i>	180	180	0	2%	10	10	NA	NA
25-4021	Librarians	100	100	0	1%	0	10	\$48,239	Master's degree
25-4031	Library Technicians	80	80	0	3%	10	10	\$21,593	Short-term on-the-job training
25-9000	<i>Other Education, Training, and Library Occupations</i>	860	900	40	5%	30	70	NA	NA
25-9031	Instructional Coordinators	50	50	0	6%	0	0	\$43,481	Master's degree
25-9041	Teacher Assistants	790	820	40	5%	30	60	\$18,364	Short-term on-the-job training
25-9199	Library, Museum, Training, and Other Education Workers, All Other (OES)	20	20	0	5%	0	0	NA	NA
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	720	720	0	0%	30	40	\$35,279	NA
27-1000	<i>Art and Design Workers</i>	300	300	-10	-2%	10	10	NA	NA
27-1014	Multi-Media Artists and Animators	50	40	0	-7%	0	0	NA	Bachelor's degree
27-1021	Commercial and Industrial Designers	20	30	0	4%	0	0	NA	Bachelor's degree
27-1023	Floral Designers	40	40	0	-5%	0	0	\$20,711	Moderate-term on-the-job training
27-1024	Graphic Designers	70	70	0	-1%	0	0	\$29,372	Bachelor's degree
27-1026	Merchandise Displayers and Window Trimmers	30	30	0	-3%	0	0	NA	Moderate-term on-the-job training
27-1099	Art and Design Workers, All Other (OES Only)	80	70	0	-1%	0	0	NA	NA
27-2000	<i>Entertainers and Performers, Sports and Related Workers</i>	130	130	0	1%	10	10	NA	NA
27-2011	Actors	30	30	0	-3%	0	0	NA	Long-term on-the-job training
27-2022	Coaches and Scouts	40	40	0	2%	0	0	NA	Long-term on-the-job training
27-2042	Musicians and Singers	20	10	0	-7%	0	0	NA	Long-term on-the-job training
27-3000	<i>Media and Communication Workers</i>	140	140	0	1%	10	10	NA	NA
27-3010	Announcers	20	20	0	0%	0	0	NA	NA
27-3020	News Analysts, Reporters and Correspondents	30	30	0	-4%	0	0	NA	NA
27-3031	Public Relations Specialists	70	70	0	4%	0	10	\$35,617	Bachelor's degree
27-4000	<i>Media and Communication Equipment Workers</i>	150	160	10	4%	10	10	NA	NA
27-4013	Radio Operators	20	20	0	-8%	0	0	NA	NA
27-4021	Photographers	110	120	10	5%	0	10	NA	Long-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	4,910	5,070	160	3%	160	330	\$52,898	NA
29-1000	<i>Health Diagnosing and Treating Practitioners</i>	2,770	2,870	100	4%	100	200	NA	NA
29-1011	Chiropractors	40	40	0	0%	0	0	\$119,649	First professional degree
29-1020	Dentists	90	90	0	1%	0	0	NA	NA
29-1031	Dietitians and Nutritionists	20	20	0	0%	0	0	\$36,378	Bachelor's degree
29-1041	Optometrists	50	50	0	-2%	0	0	\$129,029	First professional degree
29-1051	Pharmacists	220	230	10	3%	10	20	\$69,475	First professional degree
29-1062	Family and General Practitioners	270	280	10	2%	10	10	\$161,692	First professional degree
29-1066	Psychiatrists	40	40	0	6%	0	0	NA	First professional degree
29-1067	Surgeons	50	50	0	2%	0	0	NA	First professional degree
29-1069	Physicians and Surgeons, All Other	20	20	0	-5%	0	0	NA	NA
29-1111	Registered Nurses	1,480	1,550	70	4%	60	120	\$50,100	Associate degree
29-1122	Occupational Therapists	60	60	0	3%	0	0	NA	Bachelor's degree
29-1123	Physical Therapists	160	170	10	5%	0	10	\$93,801	Master's degree
29-1125	Recreational Therapists	40	40	0	3%	0	0	\$19,564	Bachelor's degree
29-1126	Respiratory Therapists	90	90	10	6%	10	10	NA	Associate degree
29-1127	Speech-Language Pathologists	70	70	0	2%	0	0	\$51,707	Master's degree
29-1131	Veterinarians	50	50	0	4%	0	0	\$80,963	First professional degree
29-2000	<i>Health Technologists and Technicians</i>	2,060	2,120	60	3%	70	130	NA	NA
29-2011	Medical and Clinical Laboratory Technologists	100	100	0	2%	10	10	NA	Bachelor's degree
29-2012	Medical and Clinical Laboratory Technicians	100	110	0	4%	10	10	\$31,119	Associate degree
29-2021	Dental Hygienists	70	70	0	6%	0	10	NA	Associate degree
29-2031	Cardiovascular Technologists and Technicians	40	40	0	3%	0	0	NA	Associate degree

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29-2032	Diagnostic Medical Sonographers	40	40	0	5%	0	0	\$46,725	Associate degree
29-2034	Radiologic Technologists and Technicians	160	160	0	3%	10	10	\$42,751	Associate degree
29-2041	Emergency Medical Technicians and Paramedics	120	130	0	2%	0	10	\$24,918	Postsecondary vocational training
29-2051	Dietetic Technicians	30	30	0	0%	0	0	NA	Moderate-term on-the-job training
29-2052	Pharmacy Technicians	260	270	10	3%	10	10	\$21,434	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	120	120	0	2%	0	10	NA	Postsecondary vocational training
29-2055	Surgical Technologists	60	60	0	5%	0	0	NA	Postsecondary vocational training
29-2056	Veterinary Technologists and Technicians	30	40	0	6%	0	0	NA	Associate degree
29-2061	Licensed Practical and Licensed Vocational Nurses	660	670	10	2%	30	40	\$33,434	Postsecondary vocational training
29-2071	Medical Records and Health Information Technicians	130	140	10	7%	0	10	\$25,605	Associate degree
29-2081	Opticians, Dispensing	140	140	0	3%	0	10	\$22,833	Long-term on-the-job training
29-9000	Other Healthcare Practitioners and Technical Occupations	20	20	0	0%	0	0	NA	NA
29-9010	Occupational Health and Safety Specialists and Technicians	20	20	0	0%	0	0	NA	NA
29-9100	Other Health Practitioners And Technical Workers	60	70	0	3%	0	0	NA	NA
29-9199	Health Professionals and Technicians, All Other (OES Only)	60	70	0	3%	0	0	NA	NA
31-0000	Healthcare Support Occupations	2,860	2,990	140	5%	90	230	\$24,057	NA
31-1000	Nursing, Psychiatric, and Home Health Aides	1,450	1,520	70	4%	30	100	NA	NA
31-1011	Home Health Aides	450	480	30	7%	10	40	\$23,018	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	990	1,030	40	4%	20	60	\$22,634	Short-term on-the-job training
31-2000	Occupational and Physical Therapist Assistants and Aides	90	90	0	3%	0	10	NA	NA
31-2021	Physical Therapist Assistants	60	60	0	5%	0	10	\$39,530	Associate degree
31-2022	Physical Therapist Aides	20	20	0	0%	0	0	\$22,459	Short-term on-the-job training
31-9000	Other Healthcare Support Occupations	1,320	1,390	70	5%	50	120	NA	NA
31-9011	Massage Therapists	70	70	0	3%	0	10	\$38,896	Postsecondary vocational training
31-9091	Dental Assistants	200	220	10	7%	10	30	\$24,854	Moderate-term on-the-job training
31-9092	Medical Assistants	490	530	40	7%	20	50	\$27,730	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	160	170	10	4%	10	10	\$27,362	Postsecondary vocational training
31-9095	Pharmacy Aides	120	120	0	-2%	0	0	NA	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	60	60	0	3%	0	0	\$16,456	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	200	210	10	5%	10	20	\$21,313	Short-term on-the-job training
33-0000	Protective Service Occupations	1,700	1,740	40	2%	100	140	\$28,451	NA
33-1000	First-Line Supervisors/Managers, Protective Service Workers	140	140	0	1%	10	10	NA	NA
33-1011	First-Line Supervisors/Managers of Correctional Officers	20	20	0	0%	0	0	\$33,662	Work experience in a related occupation
33-1012	First-Line Supervisors/Managers of Police and Detectives	70	70	0	0%	0	0	\$43,716	Work experience in a related occupation
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	40	40	0	3%	0	0	NA	Work experience in a related occupation
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	30	30	0	0%	0	0	\$33,789	Work experience in a related occupation
33-2000	Fire Fighting and Prevention Workers	180	180	0	2%	10	10	NA	NA
33-2011	Fire Fighters	170	170	0	2%	10	10	\$31,572	Long-term on-the-job training
33-3000	Law Enforcement Workers	650	660	10	2%	30	40	NA	NA
33-3012	Correctional Officers and Jailers	210	220	10	2%	10	10	\$24,493	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	50	60	0	4%	0	10	\$35,899	Work experience in a related occupation
33-3051	Police and Sheriff's Patrol Officers	360	370	10	2%	20	30	\$34,735	Long-term on-the-job training
33-9000	Other Protective Service Workers	730	760	20	3%	50	80	NA	NA
33-9021	Private Detectives and Investigators	50	50	0	6%	0	10	NA	Work experience in a related occupation
33-9031	Gaming Surveillance Officers and Gaming Investigators	30	30	0	7%	0	0	NA	Moderate-term on-the-job training
33-9032	Security Guards	480	490	10	3%	20	40	\$22,536	Short-term on-the-job training
33-9091	Crossing Guards	60	60	0	2%	0	10	NA	NA
33-9099	Protective Service Workers, All Other	110	120	0	2%	20	30	NA	Short-term on-the-job training
35-0000	Food Preparation and Serving Related Occupations	9,760	9,960	200	2%	970	1,190	\$16,284	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
35-1000	<i>Supervisors, Food Preparation and Serving Workers</i>	940	960	20	2%	50	70	NA NA	
35-1011	Chefs and Head Cooks	120	120	10	4%	10	10	\$22,178	Postsecondary vocational training
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Worker	820	830	20	2%	40	60	\$26,033	Work experience in a related occupation
35-2000	<i>Cooks and Food Preparation Workers</i>	3,230	3,260	40	1%	270	310	NA NA	
35-2011	Cooks, Fast Food	1,030	1,020	-10	-1%	80	80	\$14,953	Short-term on-the-job training
35-2012	Cooks, Institution and Cafeteria	580	570	-10	-1%	50	50	\$19,919	Long-term on-the-job training
35-2014	Cooks, Restaurant	620	650	30	5%	50	80	\$18,050	Long-term on-the-job training
35-2015	Cooks, Short Order	110	110	0	3%	10	10	\$15,125	Short-term on-the-job training
35-2021	Food Preparation Workers	890	900	20	2%	80	100	\$16,811	Short-term on-the-job training
35-3000	<i>Food and Beverage Serving Workers</i>	4,800	4,930	120	3%	580	710	NA NA	
35-3011	Bartenders	290	280	0	-1%	20	20	\$15,856	Short-term on-the-job training
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	2,030	2,080	50	2%	220	270	\$14,882	Short-term on-the-job training
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	570	580	10	2%	120	130	\$15,481	Short-term on-the-job training
35-3031	Waiters and Waitresses	1,720	1,780	60	3%	200	260	\$13,320	Short-term on-the-job training
35-3041	Food Servers, Nonrestaurant	200	210	10	4%	20	30	NA	Short-term on-the-job training
35-9000	<i>Other Food Preparation and Serving Related Workers</i>	800	820	30	3%	70	90	NA NA	
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	210	220	10	4%	20	30	\$13,381	Short-term on-the-job training
35-9021	Dishwashers	270	270	10	2%	30	30	\$13,776	Short-term on-the-job training
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	230	240	10	4%	20	30	\$15,600	Short-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	90	90	0	3%	10	10	NA	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	3,010	3,050	40	1%	120	160	\$21,310	NA
37-1000	<i>Supervisors, Building and Grounds Cleaning and Maintenance Workers</i>	210	210	10	3%	10	10	NA NA	
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	120	120	0	2%	10	10	\$29,291	Work experience in a related occupation
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grou	90	90	0	3%	0	0	\$33,042	Work experience in a related occupation
37-2000	<i>Building Cleaning and Pest Control Workers</i>	2,250	2,270	20	1%	90	120	NA NA	
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,550	1,580	30	2%	60	90	\$22,072	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	670	670	-10	-1%	30	30	\$16,322	Short-term on-the-job training
37-2021	Pest Control Workers	30	30	0	3%	0	0	NA	Moderate-term on-the-job training
37-3000	<i>Grounds Maintenance Workers</i>	550	560	10	2%	20	30	NA NA	
37-3011	Landscaping and Groundskeeping Workers	540	550	10	2%	20	30	\$19,488	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	3,330	3,450	120	4%	190	320	\$19,113	NA
39-1000	<i>Supervisors, Personal Care and Service Workers</i>	500	520	20	4%	20	40	NA NA	
39-1011	Gaming Supervisors	240	260	20	8%	10	30	NA	Postsecondary vocational training
39-1012	Slot Key Persons	30	40	0	6%	0	0	NA	Postsecondary vocational training
39-1021	First-Line Supervisors/Managers of Personal Service Workers	230	230	0	-1%	10	10	\$29,261	Work experience in a related occupation
39-2000	<i>Animal Care and Service Workers</i>	30	40	0	3%	0	0	NA NA	
39-2021	Nonfarm Animal Caretakers	30	30	0	3%	0	0	\$17,304	Short-term on-the-job training
39-3000	<i>Entertainment Attendants and Related Workers</i>	880	950	70	8%	80	150	NA NA	
39-3011	Gaming Dealers	680	740	60	9%	60	120	NA	Postsecondary vocational training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	40	40	0	3%	10	10	NA	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	80	90	10	11%	10	20	NA	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	20	20	0	0%	0	0	NA	Work experience in a related occupation
39-3199	Gaming Workers, All Other (OES Only)	50	50	0	9%	0	10	NA NA	
39-4000	<i>Funeral Service Workers</i>	60	60	0	2%	0	0	NA NA	
39-4011	Embalmers	40	40	0	0%	0	0	NA NA	
39-4021	Funeral Attendants	20	20	0	5%	0	0	\$20,669	Short-term on-the-job training
39-5000	<i>Personal Appearance Workers</i>	390	400	10	2%	10	20	NA NA	
39-5012	Hairdressers, Hairstylists, and Cosmetologists	360	370	10	1%	10	20	\$21,265	Postsecondary vocational training

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39-9000	Other Personal Care and Service Workers	1,450	1,470	20	1%	80	100	NA NA	
39-9011	Child Care Workers	930	930	-10	-1%	50	50	\$15,983	Short-term on-the-job training
39-9021	Personal and Home Care Aides	180	190	10	7%	10	20	\$18,276	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	140	150	10	6%	10	20	\$21,161	Postsecondary vocational training
39-9032	Recreation Workers	180	180	0	2%	10	10	\$19,475	Bachelor's degree
39-9099	Personal Care and Service Workers, All Other	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
41-0000	Sales and Related Occupations	10,910	11,290	370	3%	870	1,250	\$26,120	NA
41-1000	Supervisors, Sales Workers	1,490	1,540	50	3%	50	100	NA NA	
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	1,210	1,250	40	3%	40	80	\$36,957	Work experience in a related occupation
41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers	290	300	10	3%	10	20	\$55,373	Work experience in a related occupation
41-2000	Retail Sales Workers	6,830	7,110	280	4%	710	990	NA NA	
41-2011	Cashiers	3,070	3,170	100	3%	400	500	\$15,797	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	180	200	20	9%	20	40	NA	Short-term on-the-job training
41-2021	Counter and Rental Clerks	440	450	20	3%	40	60	\$24,098	Short-term on-the-job training
41-2022	Parts Salespersons	190	180	0	-2%	10	10	\$26,897	Moderate-term on-the-job training
41-2031	Retail Salespersons	2,960	3,110	150	5%	240	390	\$22,892	Short-term on-the-job training
41-3000	Sales Representatives, Services	590	590	-10	-1%	20	30	NA NA	
41-3011	Advertising Sales Agents	40	40	0	0%	0	0	\$31,042	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	330	330	0	0%	20	20	\$50,148	Bachelor's degree
41-3031	Securities, Commodities, and Financial Services Sales Agents	120	120	0	2%	0	0	NA	Bachelor's degree
41-3041	Travel Agents	100	90	-10	-9%	0	0	NA	Postsecondary vocational training
41-4000	Sales Representatives, Wholesale and Manufacturing	830	860	30	3%	40	70	NA NA	
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scie	100	90	0	-2%	10	10	\$67,598	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical a	730	760	30	4%	40	70	\$43,526	Moderate-term on-the-job training
41-9000	Other Sales and Related Workers	1,170	1,190	20	2%	40	60	NA NA	
41-9011	Demonstrators and Product Promoters	40	30	0	-3%	0	0	NA	Moderate-term on-the-job training
41-9021	Real Estate Brokers	20	20	0	5%	0	0	NA	Work experience in a related occupation
41-9022	Real Estate Sales Agents	230	230	0	0%	10	10	\$33,632	Postsecondary vocational training
41-9031	Sales Engineers	50	50	0	0%	0	0	\$52,524	Bachelor's degree
41-9041	Telemarketers	670	690	20	3%	20	40	\$23,930	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	170	170	0	1%	10	10	\$26,495	Moderate-term on-the-job training
43-0000	Office and Administrative Support Occupations	14,920	14,930	20	0%	740	870	\$25,723	NA
43-1000	Supervisors, Office and Administrative Support Workers	1,090	1,090	0	0%	40	40	NA NA	
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Woi	1,090	1,090	0	0%	40	40	\$38,235	Work experience in a related occupation
43-2000	Communications Equipment Operators	180	180	0	1%	10	10	NA NA	
43-2011	Switchboard Operators, Including Answering Service	180	180	0	1%	10	10	\$20,795	Short-term on-the-job training
43-3000	Financial Clerks	3,070	3,090	20	1%	170	200	NA NA	
43-3011	Bill and Account Collectors	220	220	0	2%	10	10	\$27,119	Short-term on-the-job training
43-3021	Billing and Posting Clerks and Machine Operators	440	450	10	2%	10	20	\$24,577	Short-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,470	1,480	10	0%	50	60	\$25,462	Moderate-term on-the-job training
43-3041	Gaming Cage Workers	130	140	10	8%	20	30	NA	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	210	210	0	-1%	10	10	\$27,451	Short-term on-the-job training
43-3061	Procurement Clerks	40	40	0	3%	0	0	\$29,348	Short-term on-the-job training
43-3071	Tellers	560	560	0	-1%	60	60	\$20,420	Short-term on-the-job training
43-4000	Information and Record Clerks	2,650	2,680	30	1%	120	170	NA NA	
43-4031	Court, Municipal, and License Clerks	60	60	0	-2%	0	0	NA	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	30	30	0	0%	0	0	NA	Short-term on-the-job training
43-4051	Customer Service Representatives	660	660	10	1%	20	20	\$27,954	Moderate-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	50	50	0	0%	0	0	NA	Moderate-term on-the-job training
43-4071	File Clerks	80	80	-10	-6%	10	10	\$21,109	Short-term on-the-job training

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43-4081	Hotel, Motel, and Resort Desk Clerks	140	140	0	-1%	10	10	\$15,376	Short-term on-the-job training
43-4111	Interviewers, Except Eligibility and Loan	110	120	0	4%	10	10	\$21,463	Short-term on-the-job training
43-4121	Library Assistants, Clerical	60	60	0	0%	10	10	\$23,059	Short-term on-the-job training
43-4131	Loan Interviewers and Clerks	140	140	0	1%	0	10	\$29,745	Short-term on-the-job training
43-4141	New Accounts Clerks	50	50	0	-2%	0	0	NA	Work experience in a related occupation
43-4151	Order Clerks	280	270	-10	-4%	10	10	\$24,692	Short-term on-the-job training
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	110	120	0	4%	10	10	\$29,466	Short-term on-the-job training
43-4171	Receptionists and Information Clerks	710	740	30	5%	40	70	\$20,255	Short-term on-the-job training
43-4999	Financial, Information, and Record Clerks, All Other (OES Only)	160	160	0	0%	10	10	NA	NA
43-5000	<i>Material Recording, Scheduling, Dispatching, and Distributing Workers</i>	2,930	2,880	-40	-2%	200	210	NA	NA
43-5011	Cargo and Freight Agents	50	50	0	-2%	0	0	NA	Moderate-term on-the-job training
43-5021	Couriers and Messengers	50	50	0	-4%	0	0	\$21,320	Short-term on-the-job training
43-5031	Police, Fire, and Ambulance Dispatchers	50	50	0	0%	0	0	\$25,059	Moderate-term on-the-job training
43-5032	Dispatchers, Except Police, Fire, and Ambulance	150	150	0	2%	10	10	\$34,659	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	70	60	0	-2%	0	0	\$26,970	NA
43-5051	Postal Service Clerks	70	70	0	0%	0	0	\$42,300	Short-term on-the-job training
43-5052	Postal Service Mail Carriers	340	330	0	0%	20	20	\$41,085	Short-term on-the-job training
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operatr	30	30	0	-3%	0	0	\$26,481	Short-term on-the-job training
43-5061	Production, Planning, and Expediting Clerks	180	180	0	-1%	10	10	\$34,850	Short-term on-the-job training
43-5071	Shipping, Receiving, and Traffic Clerks	650	610	-40	-6%	30	30	\$25,218	Short-term on-the-job training
43-5081	Stock Clerks and Order Fillers	1,250	1,250	0	0%	130	130	\$19,381	Short-term on-the-job training
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	30	30	0	-6%	0	0	\$27,826	Short-term on-the-job training
43-6000	<i>Secretaries and Administrative Assistants</i>	2,540	2,520	-10	-1%	90	90	NA	NA
43-6011	Executive Secretaries and Administrative Assistants	960	960	0	0%	30	30	\$30,952	Moderate-term on-the-job training
43-6012	Legal Secretaries	70	70	0	3%	0	0	\$27,514	Postsecondary vocational training
43-6013	Medical Secretaries	300	310	0	1%	10	10	\$24,520	Postsecondary vocational training
43-6014	Secretaries, Except Legal, Medical, and Executive	1,210	1,190	-20	-1%	40	40	\$23,090	Moderate-term on-the-job training
43-9000	<i>Other Office and Administrative Support Workers</i>	2,460	2,490	30	1%	110	160	NA	NA
43-9011	Computer Operators	60	60	0	-5%	0	0	\$31,338	Moderate-term on-the-job training
43-9021	Data Entry Keyers	100	100	0	-3%	10	10	\$20,873	Moderate-term on-the-job training
43-9022	Word Processors and Typists	110	110	-10	-5%	10	10	\$21,807	Moderate-term on-the-job training
43-9041	Insurance Claims and Policy Processing Clerks	80	80	0	1%	0	0	NA	Moderate-term on-the-job training
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	20	20	0	5%	0	0	\$22,955	Short-term on-the-job training
43-9061	Office Clerks, General	1,850	1,870	30	1%	80	110	\$20,710	Short-term on-the-job training
43-9071	Office Machine Operators, Except Computer	90	100	20	21%	0	20	NA	Short-term on-the-job training
43-9081	Proofreaders and Copy Markers	20	20	0	-6%	0	0	\$30,044	Short-term on-the-job training
43-9111	Statistical Assistants	60	60	0	-3%	0	0	NA	Moderate-term on-the-job training
43-9999	Secretaries, Administrative Assistants, and Other Office Support Workers,	70	70	-10	-7%	0	0	NA	NA
45-0000	Farming, Fishing, and Forestry Occupations	310	320	10	2%	20	30	\$20,779	NA
45-1000	<i>Supervisors, Farming, Fishing, and Forestry Workers</i>	40	40	0	10%	0	10	NA	NA
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Worke	40	40	0	10%	0	10	NA	Work experience in a related occupation
45-2000	<i>Agricultural Workers</i>	210	210	0	0%	10	20	NA	NA
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	140	140	0	-1%	10	10	\$17,459	Long-term on-the-job training
45-2093	Farmworkers, Farm and Ranch Animals	50	50	0	2%	0	0	NA	Moderate-term on-the-job training
45-4000	<i>Forest, Conservation, and Logging Workers</i>	50	50	0	2%	0	0	NA	NA
45-4021	Fallers	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
47-0000	Construction and Extraction Occupations	5,320	5,400	90	2%	190	280	\$35,905	NA
47-1000	<i>Supervisors, Construction and Extraction Workers</i>	560	580	10	2%	20	30	NA	NA
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction W	560	580	10	2%	20	30	\$46,498	Work experience in a related occupation
47-2000	<i>Construction Trades Workers</i>	4,400	4,470	80	2%	160	230	NA	NA
47-2021	Brickmasons and Blockmasons	160	160	0	2%	0	10	\$39,884	Long-term on-the-job training
47-2022	Stonemasons	20	20	0	0%	0	0	NA	Long-term on-the-job training

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47-2031	Carpenters	730	740	20	2%	20	40	\$31,174	Long-term on-the-job training
47-2051	Cement Masons and Concrete Finishers	280	290	10	4%	10	20	\$27,762	Long-term on-the-job training
47-2061	Construction Laborers	760	780	20	3%	20	40	\$33,110	Moderate-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	40	40	0	3%	0	0	\$39,002	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	550	550	10	1%	30	30	\$37,289	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	130	130	0	2%	10	10	\$30,460	Moderate-term on-the-job training
47-2082	Tapers	40	40	0	3%	0	0	NA	Moderate-term on-the-job training
47-2111	Electricians	420	420	0	0%	20	20	\$39,262	Long-term on-the-job training
47-2130	Insulation Workers	80	80	0	0%	0	0	NA	NA
47-2141	Painters, Construction and Maintenance	300	300	0	0%	10	10	\$26,780	Moderate-term on-the-job training
47-2151	Pipelayers	30	30	0	0%	0	0	\$37,193	Moderate-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	500	510	10	2%	20	30	\$41,134	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	30	40	0	3%	0	0	NA	Long-term on-the-job training
47-2181	Roofers	120	120	0	2%	10	10	NA	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	150	150	0	1%	10	10	NA	Moderate-term on-the-job training
47-2221	Structural Iron and Steel Workers	40	40	0	2%	0	0	\$47,262	Long-term on-the-job training
47-3000	Helpers, Construction Trades	110	110	0	1%	10	10	NA	NA
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble	30	30	0	0%	0	0	\$25,544	Short-term on-the-job training
47-3012	Helpers--Carpenters	20	20	0	6%	0	0	NA	Short-term on-the-job training
47-3013	Helpers--Electricians	20	20	0	0%	0	0	NA	Short-term on-the-job training
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	20	20	0	0%	0	0	NA	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	30	30	0	0%	0	0	\$25,967	Short-term on-the-job training
47-4000	Other Construction and Related Workers	150	150	0	0%	0	10	NA	NA
47-4011	Construction and Building Inspectors	40	40	0	3%	0	0	\$31,993	Work experience in a related occupation
47-4051	Highway Maintenance Workers	80	80	0	0%	0	0	\$25,264	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	30	20	0	-4%	0	0	NA	Moderate-term on-the-job training
47-4900	All Other Construction Trades and Related Workers	30	30	0	4%	0	0	NA	NA
47-4999	Construction Trades and Related Workers, All Other (OES Only)	30	30	0	4%	0	0	NA	NA
47-5000	Extraction Workers	80	70	-10	-6%	10	10	NA	NA
47-5021	Earth Drillers, Except Oil and Gas	20	20	0	-5%	0	0	\$29,021	Moderate-term on-the-job training
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	20	20	0	-9%	0	0	NA	Moderate-term on-the-job training
47-5081	Helpers--Extraction Workers	20	20	0	0%	0	0	NA	Short-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	4,750	4,810	60	1%	210	310	\$34,031	NA
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	530	530	0	1%	20	30	NA	NA
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	530	530	0	1%	20	30	\$43,006	Work experience in a related occupation
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	220	240	20	8%	10	30	NA	NA
49-2011	Computer, Automated Teller, and Office Machine Repairers	100	100	-10	-7%	0	0	NA	Postsecondary vocational training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst	20	20	0	-6%	0	0	NA	Postsecondary vocational training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	60	90	30	39%	0	30	NA	Postsecondary vocational training
49-3000	Vehicle and Mobile Equipment Mechanics, Installers	1,510	1,550	40	3%	80	120	NA	NA
49-3011	Aircraft Mechanics and Service Technicians	40	40	0	8%	0	10	NA	Postsecondary vocational training
49-3021	Automotive Body and Related Repairers	170	170	0	1%	10	10	\$36,743	Long-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	620	640	10	2%	30	40	\$29,562	Postsecondary vocational training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	370	380	20	4%	20	30	\$36,207	Postsecondary vocational training
49-3041	Farm Equipment Mechanics	60	60	0	2%	0	0	\$29,345	Postsecondary vocational training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	50	50	0	0%	0	0	\$32,215	Postsecondary vocational training
49-3092	Recreational Vehicle Service Technicians	20	20	0	5%	0	0	NA	Long-term on-the-job training
49-3093	Tire Repairers and Changers	130	130	0	3%	10	20	\$21,821	Short-term on-the-job training
49-9000	Other Installation, Maintenance, and Repair Occupations	2,500	2,490	0	0%	100	130	NA	NA
49-9011	Mechanical Door Repairers	90	90	0	0%	0	0	NA	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	20	20	0	6%	0	0	NA	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	220	230	10	3%	10	10	\$37,754	Long-term on-the-job training
49-9041	Industrial Machinery Mechanics	280	270	-10	-4%	10	10	\$33,057	Long-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
49-9042	Maintenance and Repair Workers, General	1,200	1,190	-10	-1%	40	40	\$31,953	Long-term on-the-job training
49-9043	Maintenance Workers, Machinery	90	80	0	-3%	0	0	\$37,036	Long-term on-the-job training
49-9044	Millwrights	20	20	0	-6%	0	0	NA	Long-term on-the-job training
49-9051	Electrical Power-Line Installers and Repairers	70	70	0	-3%	0	0	NA	Long-term on-the-job training
49-9052	Telecommunications Line Installers and Repairers	60	60	0	0%	0	0	\$43,110	Long-term on-the-job training
49-9062	Medical Equipment Repairers	30	30	0	4%	0	0	\$33,226	Moderate-term on-the-job training
49-9064	Watch Repairers	20	20	0	0%	0	0	NA	Long-term on-the-job training
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	80	80	0	5%	0	10	NA	Moderate-term on-the-job training
49-9098	Helpers--Installation, Maintenance, and Repair Workers	170	160	0	-1%	10	10	\$22,598	Short-term on-the-job training
49-9099	Installation, Maintenance, and Repair Workers, All Other	110	110	0	-2%	10	10	\$31,814	Long-term on-the-job training
51-0000	Production Occupations	14,220	13,600	-620	-4%	680	760	\$28,371	NA
51-1000	Supervisors, Production Workers	960	940	-20	-2%	40	40	NA	NA
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	960	940	-20	-2%	40	40	\$43,940	Work experience in a related occupation
51-2000	Assemblers and Fabricators	2,620	2,470	-150	-6%	130	140	NA	NA
51-2022	Electrical and Electronic Equipment Assemblers	70	60	-10	-14%	0	0	NA	Short-term on-the-job training
51-2031	Engine and Other Machine Assemblers	130	120	0	-2%	10	10	NA	Short-term on-the-job training
51-2041	Structural Metal Fabricators and Fitters	200	200	0	0%	10	10	\$28,781	Moderate-term on-the-job training
51-2092	Team Assemblers	2,080	1,940	-140	-7%	110	110	\$24,410	Moderate-term on-the-job training
51-2099	Assemblers and Fabricators, All Other	140	140	0	1%	10	10	\$18,911	Moderate-term on-the-job training
51-3000	Food Processing Workers	780	790	10	2%	40	50	NA	NA
51-3011	Bakers	120	130	0	2%	10	10	\$20,143	Long-term on-the-job training
51-3021	Butchers and Meat Cutters	100	100	0	-3%	10	10	\$25,784	Long-term on-the-job training
51-3023	Slaughterers and Meat Packers	370	370	10	2%	20	20	NA	Moderate-term on-the-job training
51-3092	Food Batchmakers	110	110	0	3%	10	10	\$29,477	Short-term on-the-job training
51-3093	Food Cooking Machine Operators and Tenders	80	80	0	4%	0	10	\$23,224	Short-term on-the-job training
51-4000	Metal Workers and Plastic Workers	3,600	3,230	-370	-10%	180	190	NA	NA
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	140	150	10	5%	0	10	\$29,841	Long-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	260	260	0	0%	20	20	\$27,200	Moderate-term on-the-job training
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	70	70	0	0%	0	0	\$22,892	Moderate-term on-the-job training
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	30	30	0	-11%	0	0	\$26,154	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	180	160	-20	-9%	10	10	\$26,591	Moderate-term on-the-job training
51-4032	Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	360	260	-100	-27%	20	20	NA	Moderate-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	70	70	-10	-10%	0	0	\$28,201	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	100	100	0	-2%	0	0	\$33,012	Moderate-term on-the-job training
51-4041	Machinists	330	290	-30	-10%	20	20	\$34,450	Long-term on-the-job training
51-4071	Foundry Mold and Coremakers	50	50	0	0%	0	0	NA	Moderate-term on-the-job training
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	340	340	-10	-2%	20	20	\$25,860	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	290	280	-10	-4%	20	20	NA	Moderate-term on-the-job training
51-4111	Tool and Die Makers	110	90	-20	-16%	0	0	\$35,736	Long-term on-the-job training
51-4121	Welders, Cutters, Solderers, and Brazers	1,020	860	-160	-16%	60	60	\$30,450	Postsecondary vocational training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders, Metal and Plastic	140	140	0	1%	10	10	\$28,166	Moderate-term on-the-job training
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	50	40	-20	-28%	0	0	NA	Moderate-term on-the-job training
51-5000	Printing Workers	490	470	-30	-5%	20	20	NA	NA
51-5011	Bindery Workers	20	20	0	-10%	0	0	\$21,855	Moderate-term on-the-job training
51-5021	Job Printers	190	180	-10	-5%	10	10	NA	Long-term on-the-job training
51-5022	Prepress Technicians and Workers	80	70	0	-5%	0	0	\$31,722	Long-term on-the-job training
51-5023	Printing Machine Operators	200	190	-10	-6%	10	10	\$29,537	Moderate-term on-the-job training
51-6000	Textile, Apparel, and Furnishings Workers	550	550	0	-1%	20	30	NA	NA
51-6011	Laundry and Dry-Cleaning Workers	110	100	0	-1%	10	10	\$16,855	Moderate-term on-the-job training
51-6021	Pressers, Textile, Garment, and Related Materials	80	80	0	-5%	0	0	NA	Short-term on-the-job training
51-6031	Sewing Machine Operators	220	230	10	6%	10	20	\$21,614	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	90	80	-10	-10%	0	0	NA	Moderate-term on-the-job training
51-6093	Upholsterers	30	30	0	-10%	0	0	NA	Long-term on-the-job training
51-7000	Woodworkers	1,210	1,160	-50	-4%	60	60	NA	NA

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
51-7011	Cabinetmakers and Bench Carpenters	330	310	-20	-5%	20	20	\$33,982	Long-term on-the-job training
51-7021	Furniture Finishers	180	170	-10	-7%	10	10	\$26,138	Long-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	170	160	0	-1%	10	10	\$22,364	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	520	490	-20	-5%	30	30	\$24,332	Moderate-term on-the-job training
51-8000	<i>Plant and System Operators</i>	270	260	0	0%	10	20	NA NA	
51-8012	Power Distributors and Dispatchers	20	20	0	-6%	0	0	NA	Long-term on-the-job training
51-8013	Power Plant Operators	80	70	0	-4%	0	0	NA	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	50	50	0	2%	0	0	\$33,964	Long-term on-the-job training
51-8031	Water and Liquid Waste Treatment Plant and System Operators	110	110	0	2%	10	10	\$29,153	Long-term on-the-job training
51-9000	<i>Other Production Occupations</i>	3,750	3,730	-20	0%	180	220	NA NA	
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	40	40	0	-5%	0	0	\$28,064	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	20	20	0	0%	0	0	NA	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	230	210	-20	-7%	10	10	\$34,504	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	370	390	20	6%	20	40	NA	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	80	90	0	2%	0	10	NA	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	50	50	0	2%	0	0	\$26,232	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	470	450	-10	-3%	20	20	\$29,562	Moderate-term on-the-job training
51-9081	Dental Laboratory Technicians	20	20	0	5%	0	0	\$29,938	Long-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	30	30	0	-3%	0	0	\$24,881	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	360	360	0	1%	10	20	\$26,049	Short-term on-the-job training
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	370	380	10	1%	20	30	\$25,154	Moderate-term on-the-job training
51-9122	Painters, Transportation Equipment	20	20	0	5%	0	0	NA	Moderate-term on-the-job training
51-9132	Photographic Processing Machine Operators	90	90	0	2%	0	10	\$21,450	Short-term on-the-job training
51-9141	Semiconductor Processors	130	130	-10	-6%	10	10	NA NA	
51-9191	Cementing and Gluing Machine Operators and Tenders	130	130	0	2%	10	10	\$22,909	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	50	50	0	-2%	0	0	NA	Moderate-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	120	110	-10	-6%	10	10	NA	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	820	820	0	0%	50	50	\$23,330	Short-term on-the-job training
51-9199	Production Workers, All Other	280	280	0	-1%	10	10	\$25,811	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	11,610	11,570	-30	0%	540	670	\$30,034	NA
53-1000	<i>Supervisors, Transportation and Material Moving Workers</i>	490	490	0	1%	20	30	NA NA	
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers	170	170	0	-1%	10	10	\$36,321	Work experience in a related occupation
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Workers	310	320	10	2%	10	20	\$48,390	Work experience in a related occupation
53-2000	<i>Air Transportation Workers</i>	80	80	0	0%	0	10	NA NA	
53-2012	Commercial Pilots	20	20	0	-19%	0	0	\$51,182	Postsecondary vocational training
53-2021	Air Traffic Controllers	50	60	0	4%	0	10	NA	Long-term on-the-job training
53-3000	<i>Motor Vehicle Operators</i>	4,550	4,650	100	2%	130	240	NA NA	
53-3021	Bus Drivers, Transit and Intercity	140	140	10	4%	10	10	NA	Moderate-term on-the-job training
53-3022	Bus Drivers, School	300	310	10	3%	10	20	\$26,983	Short-term on-the-job training
53-3031	Driver/Sales Workers	210	200	-10	-2%	10	10	NA	Short-term on-the-job training
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,110	3,200	90	3%	90	180	\$33,272	Moderate-term on-the-job training
53-3033	Truck Drivers, Light or Delivery Services	710	710	0	0%	10	10	\$28,217	Short-term on-the-job training
53-3041	Taxi Drivers and Chauffeurs	60	70	10	8%	0	10	\$15,399	Short-term on-the-job training
53-4000	<i>Rail Transportation Workers</i>	20	20	0	-6%	0	0	NA NA	
53-5000	<i>Water Transportation Workers</i>	1,310	1,250	-60	-5%	90	90	NA NA	
53-5011	Sailors and Marine Oilers	590	570	-30	-4%	40	40	NA	Short-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	270	260	-20	-6%	20	20	NA	Work experience in a related occupation
53-5031	Ship Engineers	450	430	-20	-4%	40	40	NA	Postsecondary vocational training
53-6000	<i>Other Transportation Workers</i>	200	200	10	3%	10	20	NA NA	
53-6021	Parking Lot Attendants	130	130	0	2%	10	10	\$16,526	Short-term on-the-job training
53-6031	Service Station Attendants	30	30	0	3%	0	0	NA	Short-term on-the-job training
53-6099	Transportation Workers, All Other	20	20	0	11%	0	0	NA	Short-term on-the-job training

Code	Occupational Title	2005 Employment	2007 Projection	Two Year Change	Percent Change	Replacements ¹	Total Openings	2004 Annual Wage ²	Education Requirement ³
53-7000	Material Moving Workers	4,970	4,890	-80	-2%	280	290	NA NA	
53-7011	Conveyor Operators and Tenders	90	90	-10	-8%	10	10	NA	Short-term on-the-job training
53-7021	Crane and Tower Operators	80	80	0	5%	0	10	\$38,963	Moderate-term on-the-job training
53-7032	Excavating and Loading Machine and Dragline Operators	60	60	0	0%	0	0	\$31,491	Moderate-term on-the-job training
53-7051	Industrial Truck and Tractor Operators	940	920	-10	-1%	30	30	\$27,094	Short-term on-the-job training
53-7061	Cleaners of Vehicles and Equipment	300	310	10	2%	20	30	\$20,731	Short-term on-the-job training
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1,870	1,860	-10	0%	140	140	\$21,628	Short-term on-the-job training
53-7063	Machine Feeders and Offbearers	550	520	-30	-6%	30	30	\$21,376	Short-term on-the-job training
53-7064	Packers and Packagers, Hand	990	970	-30	-3%	40	40	\$20,508	Short-term on-the-job training
53-7081	Refuse and Recyclable Material Collectors	50	40	0	-2%	0	0	NA	Short-term on-the-job training

- 1) Replacements are "Net replacement" openings. Net replacement openings estimate the difference between the movement of experienced workers who change jobs to enter other occupations, retire, or leave the workforce for other reasons and the movement of experienced workers filling the openings. The openings that remain unfilled by experienced workers are net replacement openings, available to new workforce entrants. In most occupations, net replacement openings significantly understate the total number of job openings because net replacement openings measure the difference between the number of workers in the workforce who leave an occupation and the number who enter the occupation.

- 2) 2004 Annual Wage is the regional average wage for the occupation from the Occupational Employment Statistics program, conducted by the Indiana Department of Workforce Development for the national Bureau of Labor Statistics.

- 3) Occupations are classified into 1 of 11 categories by the Bureau of Labor Statistics based on analyses of the occupation's usual education and training requirements. The 11 classifications are as follows:

First professional degree. Completion of the academic program usually requires at least 6 years of full-time equivalent academic study, including college study prior to entering the professional degree program.

Doctoral degree. Completion of the degree program usually requires at least 3 years of full-time equivalent academic work beyond the bachelor's degree.

Master's degree. Completion of the degree program usually requires 1 or 2 years of full-time equivalent study beyond the bachelor's degree.

Work experience, plus a bachelor's or higher degree. Most occupations in this category are managerial occupations that require experience in a related nonmanagerial position.

Bachelor's degree. Completion of the degree program generally requires at least 4 years but not more than 5 years of full-time equivalent academic work.

Associate degree. Completion of the degree program usually requires at least 2 years of full-time equivalent academic study.

Postsecondary vocational training. Some programs last only a few weeks while others may last more than a year. In some occupations, a license is needed that requires passing an examination after completion of the training.

Work experience in a related occupation. Some occupations requiring work experience are supervisory or managerial occupations.

Long-term on-the-job training. This category includes occupations that generally require more than 12 months of on-the-job training or combined work experience and formal classroom instruction for workers to develop the skills needed for average job performance. This category includes formal and informal apprenticeships that may last up to 4 years and short-term intensive employer-sponsored training that workers must successfully complete. Individuals undergoing training are generally considered to be employed in the occupation. This category includes occupations in which workers may gain experience in non-work activities, such as professional athletes who gain experience through participation in athletic programs in academic institutions.

Moderate-term on-the-job training. This category includes occupations in which workers can develop the skills needed for average job performance after 1 to 12 months of combined on-the-job experience and informal training.

Short-term on-the-job training. This category covers occupations in which workers can develop the skills needed for average job performance after a short demonstration or up to one month of on-the-job experience or instruction.